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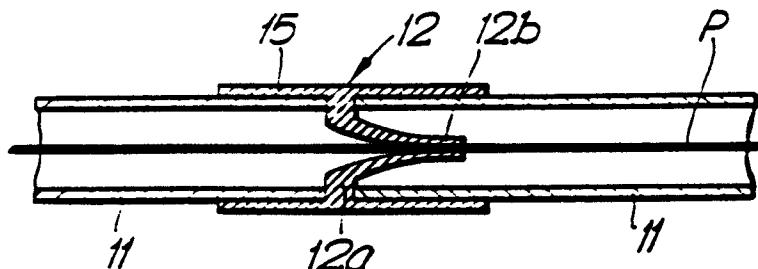
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(54) Gas seal

(57) A gas seal arrangement for use in a blown-fiber duct (11) which extends outside a building from within a building, the gas seal arrangement being inserted in a segment of said duct to prevent the flow of gas into the building via said duct (11) and being unidirectionally flexible, the arrangement comprising a connector (15) sealingly connected to respective blown-fiber duct portions on each side thereof, along which the transmission fiber (P) is disposed, the connector further comprising a flange portion (12a) and a flexible body portion (12b), the flexible body portion being arranged to collapse inwardly

around a transmission fiber (P) when the transmission fiber has been installed through said duct segment, the flexible body portion being arranged to open to permit gas flow outwardly from the building through said duct segment when the gas flow pressure exceeds a predetermined level, i.e. during the time when the fiber is blown into the duct, and wherein the flexible body portion extends along said duct segment when at rest and is arranged to form an elongate seal with the surface of an installed transmission fiber (P) resistant to opening to gas flowing inwardly.

Fig.2.





EUROPEAN SEARCH REPORT

Application Number
EP 95 11 5770

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
E,D	EP-A-0 363 188 (BRITISH TELECOMM) 11 April 1990 * claims; figures *	1	G02B6/44
A	US-A-3 689 031 (RUDDICK HOWARD G ET AL) 5 September 1972 * claims; figures *	1	
A	EP-A-0 277 029 (COMMW IND GASES) 3 August 1988 * claims; figures *	1	
A,P	GB-A-2 207 562 (BICC PLC) 1 February 1989 * claims; figures *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			G02B
<p>The present search report has been drawn up for all claims</p>			
Place of search THE HAGUE	Date of completion of the search 26 February 1996	Examiner Pfahler, R	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			